

Page 11, line 5, please amend the line to read:

5F11-scFv:(SEQ ID No. 1)

line 21, please amend the line to read,

3G6-scFv: (SEQ ID No. 2)

Page 12, line 7, please amend the line to read:

5F11-scFv-Streptavidin: (SEQ ID No. 3)

Page 13, line 1, please amend the line to read

3G6-scFv-streptavidin: (SEQ ID No. 4)

Page 19, please amend the partial paragraph spanning lines 1-3 to read as follows:

mass of 31KD using anti-E Tag antibody which recognizes the sequence GAPVPVPDPLEPR (Seq ID No. 5). The same protein was not detected in control cells nor in cells without IPTG treatment to induce expression of the scFV.

In the claims:

Please cancel claims 1-4.

Please amend claim 5 to read as follows:

5. (amended) A recombinant single-chain peptide comprising the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the peptide comprises an amino acid sequence encoded by a recombinant polynucleotide comprising a region encoding the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to a region encoding the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the variable region of the light chain is linked to the variable region of the heavy chain in an orientation whereby a peptide expressed from the polynucleotide binds to G<sub>D2</sub>, and wherein the polynucleotide comprises, in contiguous sequence, the bases identified in SEQ. ID NO: 2.

Please amend claim 11-13 to read as follows:

11. (amended) T cells expressing a recombinant single chain peptide comprising the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the recombinant single chain peptide is encoded by a polynucleotide comprising a region encoding the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to a region encoding the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the variable region of the light chain is linked to the variable region of the heavy chain in an orientation whereby a peptide expressed from the polynucleotide binds to G<sub>D2</sub>, and wherein the polynucleotide comprises, in contiguous sequence, the bases identified in SEQ. ID NO: 2.

12. A method for assaying for the presence of cells expressing G<sub>D2</sub> in tissue comprising combining the tissue with a recombinant single chain peptide comprising the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody and a detectable label, wherein the recombinant single chain peptide is encoded by a polynucleotide comprising a region encoding the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to a region encoding the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the variable region of the light chain is linked to the variable region of the heavy chain in an orientation whereby a peptide expressed from the polynucleotide binds to G<sub>D2</sub>, and wherein the polynucleotide comprises, in contiguous sequence, the bases identified in SEQ. ID NO: 2.

13. (amended) A method for targeted delivery of a therapeutic agent to cells expressing G<sub>D2</sub> in tissue comprising combining the tissue with a recombinant single chain peptide comprising the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody and a therapeutic or pre-therapeutic moiety, wherein the recombinant single chain peptide is encoded by a polynucleotide comprising a region encoding the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to a region encoding the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the variable region of the light chain is linked to the variable region of the heavy chain in an orientation

whereby a peptide expressed from the polynucleotide binds to G<sub>D2</sub>, and wherein the polynucleotide comprises, in contiguous sequence, the bases identified in SEQ. ID NO: 2.

Please add claims 17-28 as follows:

17. A recombinant single-chain peptide comprising the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the peptide comprises an amino acid sequence encoded by a recombinant polynucleotide comprising a region encoding the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to a region encoding the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the variable region of the light chain is linked to the variable region of the heavy chain in an orientation whereby a peptide expressed from the polynucleotide binds to G<sub>D2</sub>, and wherein the polynucleotide comprises, in contiguous sequence, the bases identified in SEQ. ID NO: 1.

18. The peptide according to claim 17, wherein the peptide is labeled with a radiolabel.

19. The peptide according to claim 18, wherein the radiolabel is <sup>99m</sup>Tc.

20. The peptide according to claim 17, wherein the peptide further comprises a drug-converting enzyme.

21. The peptide according to claim 17, wherein the peptide further comprises streptavidin.

22. The peptide according to claim 17, wherein the peptide further comprises CD8.

23. T cells expressing a recombinant single chain peptide comprising the

variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the recombinant single chain peptide is encoded by a polynucleotide comprising a region encoding the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to a region encoding the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the variable region of the light chain is linked to the variable region of the heavy chain in an orientation whereby a peptide expressed from the polynucleotide binds to G<sub>D2</sub>, and wherein the polynucleotide comprises, in contiguous sequence, the bases identified in SEQ. ID NO: 1.

24. A method for assaying for the presence of cells expressing G<sub>D2</sub> in tissue comprising combining the tissue with a recombinant single chain peptide comprising the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody and a detectable label, wherein the recombinant single chain peptide is encoded by a polynucleotide comprising a region encoding the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to a region encoding the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the variable region of the light chain is linked to the variable region of the heavy chain in an orientation whereby a peptide expressed from the polynucleotide binds to G<sub>D2</sub>, and wherein the polynucleotide comprises, in contiguous sequence, the bases identified in SEQ. ID NO: 1.

25. A method for targeted delivery of a therapeutic agent to cells expressing G<sub>D2</sub> in tissue comprising combining the tissue with a recombinant single chain peptide comprising the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody and a therapeutic or pre-therapeutic moiety, wherein the recombinant single chain peptide is encoded by a polynucleotide comprising a region encoding the variable region of the light chain of an anti-G<sub>D2</sub> antibody linked to a region encoding the variable region of the heavy chain of an anti-G<sub>D2</sub> antibody, wherein the variable region of the light chain is linked to the variable region of the heavy chain in an orientation whereby a peptide expressed from the polynucleotide binds to G<sub>D2</sub>, and wherein the polynucleotide comprises, in contiguous sequence, the bases identified in SEQ. ID NO: 1.